



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

PGT Industries
1070 Technology Drive
Nokomis, FL 34275

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series “PW 701” Aluminum Fixed Window

APPROVAL DOCUMENT: Drawing No. **4210**, titled “Aluminum Fixed Window”, sheets 1 through 5, dated 2/19/97, with revision F dated 6/6/03, prepared by manufacturer, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and replaces NOA # 02-0423.08** and consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No 02-0806.04
Expiration Date: February 25, 2006
Approval Date: July 24, 2003
Page 1

PGT Industries

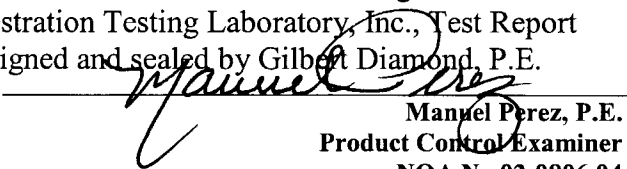
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **4210**, titled "Aluminum Fixed Window", sheets 1 through 5, dated 2/19/97, with revision F dated 6/6/03, prepared by manufacturer, signed and sealed by Robert L. Clark, P.E.,.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with marked-up drawings and installation diagram of an O configuration 120" wide by 60" high series PW-701 aluminum fixed window glazed with 3/16" tempered glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1532**, dated 12/13/97, signed and sealed by Gilbert Diamond, P.E.
2. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
along with marked-up drawings and installation diagram of an O configuration 74" wide by 37" high series PW-701 aluminum fixed window glazed with 3/16" annealed glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1530**, dated 12/19/97, signed and sealed by Gilbert Diamond, P.E.
3. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Small Missile Impact Test per SFBC, PA 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of and O configuration 74" wide by 37" high series PW-701 aluminum fixed window glazed with 1/4" tempered glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1537**, dated 01/02/97, signed and sealed by Gilbert Diamond, P.E.
4. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Small Missile Impact Test per SFBC, PA 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of an O configuration 120" wide by 60" high series PW 701 aluminum fixed windows glazed with 1/4" tempered glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1550**, dated 02/18/97, signed and sealed by Gilbert Diamond, P.E.


Manuel Perez, P.E.
Product Control Examiner
NOA No 02-0806.04

Expiration Date: February 25, 2006
Approval Date: July 24, 2003

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

5. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Large Missile Impact Test per SFBC, PA 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of an O configuration
120" wide by 60" high series PW-701 aluminum fixed window glazed with 3/16"
temp. Sentryglas, prepared by Fenestration Testing Laboratory, Inc., Test Report
No. **FTL-1534**, dated 01/15/97, signed and sealed by Gilbert Diamond, P.E.
6. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Large Missile Impact Test per SFBC, PA 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of an O configuration
74" wide by 37" high series PW-701 aluminum fixed window glazed with 3/16"
ann. Sentryglas, prepared by Fenestration Testing Laboratory, Inc., Test Report
No. **FTL-1529**, dated 01/14/97, signed and sealed by Gilbert Diamond, P.E.

C. CALCULATIONS

1. Comparative Analysis and Anchor Calculations, prepared by I. R. Dory, P. E,
dated 02/21/97, signed and sealed by I. R. Dory, P. E.
2. Comparative Analysis and Anchor Calculations, dated 4/18/02, and revised on
7/29/02, signed and sealed by R. L. Clark, P.E.

D. MATERIAL CERTIFICATIONS


1. None.

E. STATEMENTS

1. Statement letter of No-Change, dated 09/2001, signed and sealed by R. L. Clark,
P.E.
2. Statement letter of Code Compliance dated 01/05/2001, signed and sealed by R.
L. Clark, P.E.

F. OTHER

1. Notice of Acceptance No. **02-0423.08**, issued to PGT Industries for their Series
"PW 701" Aluminum Fixed Window, approved on 05/23/02 and expiring on
02/25/06.


Manuel Perez, P.E.
Product Control Examiner
NOA No 02-0806.04
Expiration Date: February 25, 2006
Approval Date: July 24, 2003

COMPARATIVE ANALYSIS FOR: 3/16" ANNEALED GLASS FTL-1530										
WINDOW WIDTH	WINDOW HEIGHT									
	26.000 (2)		38.375 (3)		50.625 (4)		63.000 (4)		74.000 (5)	
	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS
18.000 (2)	-120.0	120.0	-120.0	120.0	-106.0	106.0	-99.3	99.3	-92.8	92.8
19.125 (2)	-120.0	120.0	-113.7	113.7	-94.5	94.5	-86.5	86.5	-81.4	81.4
24.000 (2)	-120.0	120.0	-84.3	84.3	-63.6	63.6	-55.7	55.7	-50.1	50.1
26.500 (2)	-114.2	114.2	-75.5	75.5	-54.8	54.8	-47.8	47.8	-41.4	41.4
30.000 (2)	-98.9	98.9	-67.8	67.8	-50.4	50.4	-41.1	41.1	-34.0	34.0
32.000 (3)	-91.3	91.3	-65.1	65.1	-48.3	48.3	-39.3	39.3	-31.7	31.7
36.000 (3)	-82.0	82.0	-60.2	60.2	-45.0	45.0	-37.3	37.3	-29.4	29.4
37.000 (3)	-79.6	79.6	-59.1	59.1	-44.5	44.5	-37.2	37.2	-29.1	29.1

COMPARATIVE ANALYSIS FOR: 3/16" TEMPERED GLASS FTL-1530										
WINDOW WIDTH	WINDOW HEIGHT									
	26.000 (2)		38.375 (3)		50.625 (4)		63.000 (4)		74.000 (5)	
	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS
18.000 (2)	-135.0	133.3	-135.0	133.3	-135.0	133.3	-134.2	133.3	-105.3	105.3
19.125 (2)	-135.0	133.3	-135.0	133.3	-135.0	133.3	-127.7	127.7	-100.0	100.0
24.000 (2)	-135.0	133.3	-135.0	133.3	-132.9	132.9	-107.0	107.0	-82.8	82.8
26.500 (2)	-121.5	121.5	-117.0	117.0	-117.0	117.0	-99.5	99.5	-76.5	76.5
30.000 (2)	-121.5	121.5	-91.3	91.3	-91.3	91.3	-91.3	91.3	-69.6	69.6
32.000 (3)	-121.5	121.5	-80.2	80.2	-80.2	80.2	-80.2	80.2	-66.4	66.4
36.000 (3)	-121.5	121.5	-63.4	63.4	-63.4	63.4	-63.4	63.4	-61.1	61.1
37.000 (3)	-121.5	121.5	-60.0	60.0	-60.0	60.0	-60.0	60.0	-60.0	60.0

COMPARATIVE ANALYSIS FOR: 1/4" TEMPERED GLASS FTL-1537										
WINDOW WIDTH	WINDOW HEIGHT									
	26.000 (2)		38.375 (3)		50.625 (4)		63.000 (4)		74.000 (5)	
	NEG	POS	NEG	POS	NEG	POS	NEG	POS	NEG	POS
18.000 (2)	-190.0	133.3	-190.0	133.3	-190.0	133.3	-156.6	133.3	-122.9	122.9
19.125 (2)	-190.0	133.3	-190.0	133.3	-183.0	133.3	-149.0	133.3	-116.6	116.6
24.000 (2)	-166.4	133.3	-166.4	133.3	-155.1	133.3	-124.8	124.8	-96.6	96.6
26.500 (2)	-141.8	133.3	-136.5	133.3	-136.5	133.3	-116.0	116.0	-89.3	89.3
30.000 (2)	-141.8	133.3	-106.5	106.5	-106.5	106.5	-106.5	106.5	-81.2	81.2
32.000 (3)	-141.8	133.3	-93.6	93.6	-93.6	93.6	-93.6	93.6	-77.4	77.4
36.000 (3)	-141.8	133.3	-73.9	73.9	-73.9	73.9	-73.9	73.9	-71.3	71.3
37.000 (3)	-141.8	133.3	-70.0	70.0	-70.0	70.0	-70.0	70.0	-70.0	70.0

NOTE: NUMBERS IN () PARENTHESES ARE MINIMUM QUANTITY OF ANCHORS PER SIDE.

NON-IMPACT WINDOWS

1. GLAZING OPTIONS:

- 37" x 74" - 3/16" ANNEALED
- 37" x 74" - 3/16" TEMPERED
- 37" x 74" - 1/4" TEMPERED

2. DESIGN PRESSURE RATING: SEE TABLE

- NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-98.
- POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-98.

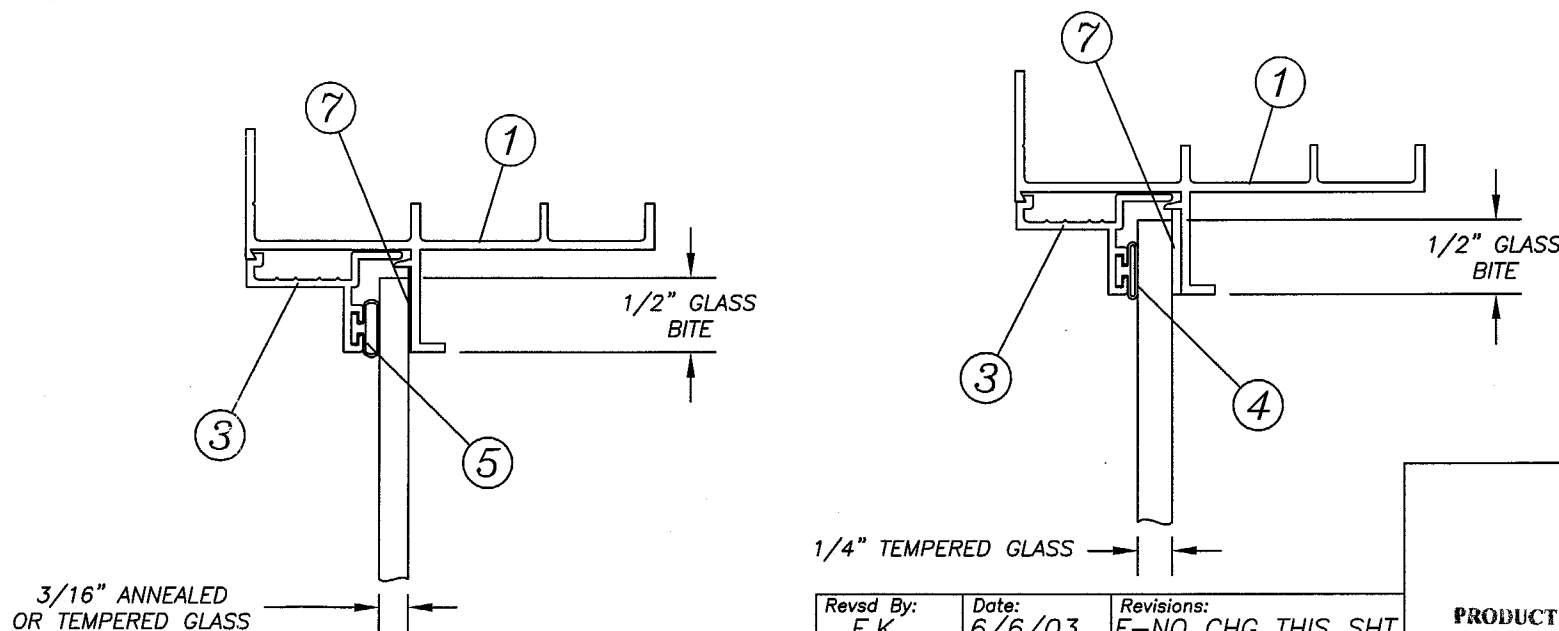
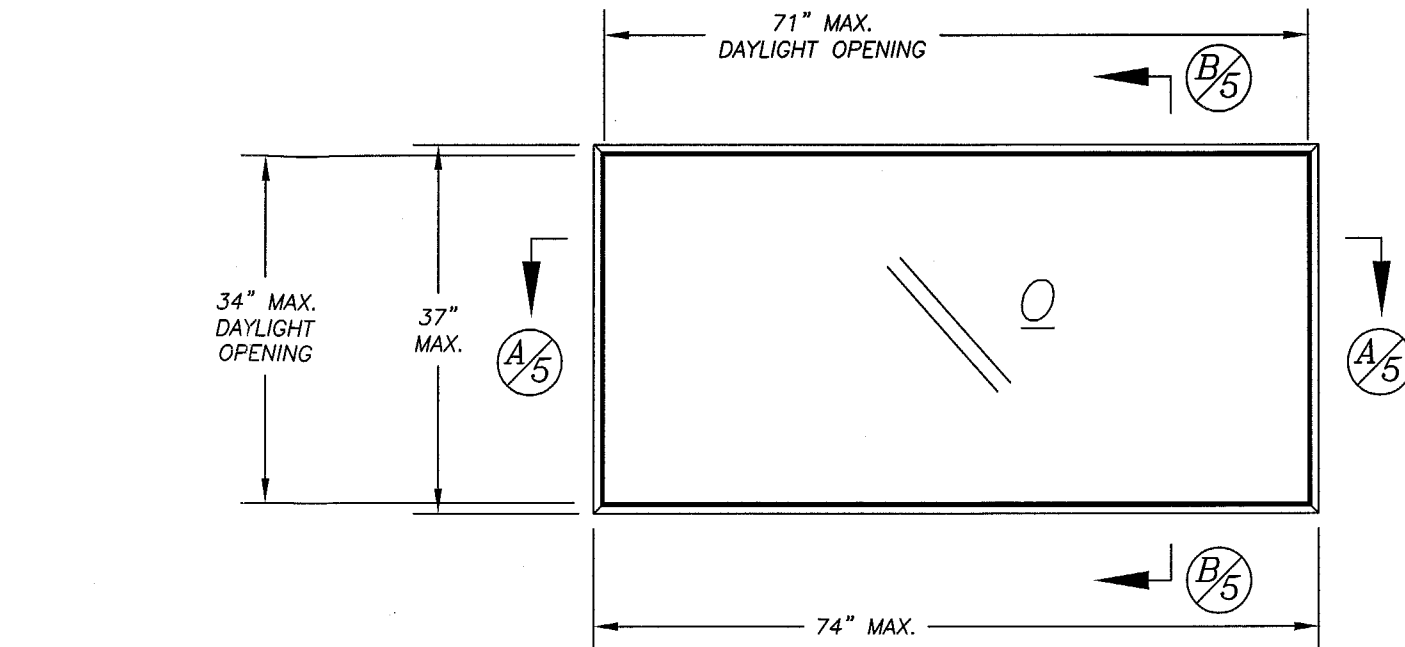
3. CONFIGURATIONS: "0"

4. REFERENCE TEST REPORTS: FTL-1530 & FTL-1537

5. SHUTTER REQUIREMENT: MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED.

6. ANCHORAGE: MAX. 6" FROM EACH CORNER MAX. SPACING AT HEAD & SILL: 11.000 MAX. SPACING AT JAMBS: 16.000

7. PRESSURES UNDER 40 P.S.F. NOT APPLICABLE IN MIAMI-DADE COUNTY.



GLAZING DETAILS

Robert L. Clark
6/6/03

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 6/6/03	Revisions: F-NO CHG THIS SHT
Revsd By: FK	Date: 7/26/02	Revisions: E-NO CHG THIS SHT
Revsd By: FK	Date: 4/18/01	Revisions: REDRAWN/UPDATE E1300
Revsd By: FK	Date: 1/4/01	Revisions: ADD LG MISS. TABLE
Drawn By: D.B.	Date: 2/19/97	

Description: ELEVATIONS, NON-IMPACT (37" x 74")

Title: ALUMINUM FIXED WINDOW

Series/Model: PW-701	Scale: NTS	Sheet: 1 of 5	Drawing No. 4210	Rev: F
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0806.04
Expiration Date FEB. 25, 2006
By *Mamud Bery*
Miami Dade Product Control
Division

COMPARATIVE ANALYSIS FOR:				3/16" TEMPERED GLASS				FTL-1532	
WINDOW WIDTH	WINDOW HEIGHT								
	26.000 (2)		38.375 (4)		50.625 (5)		60.000 (6)		
	NEG	POS	NEG	POS	NEG	POS	NEG	POS	
19.125 (2)	-135.0	133.3	-135.0	133.3	-135.0	133.3	-135.0	133.3	
26.500 (3)	-135.0	133.3	-135.0	133.3	-135.0	133.3	-135.0	133.3	
37.000 (4)	-135.0	133.3	-135.0	133.3	-135.0	133.3	-135.0	133.3	
53.125 (5)	-135.0	133.3	-135.0	133.3	-84.3	84.3	-76.5	76.5	
60.000 (6)	-135.0	133.3	-135.0	133.3	-84.3	84.3	-60.0	60.0	
72.000 (7)	-135.0	133.3	-118.7	118.7	-84.3	84.3	-60.0	60.0	
84.000 (8)	-135.0	133.3	-97.9	97.9	-84.3	84.3	-60.0	60.0	
96.000 (9)	-135.0	133.3	-81.2	81.2	-78.4	78.4	-60.0	60.0	
120.000 (11)	-116.5	116.5	-67.8	67.8	-55.7	55.7	-57.4	57.4	

COMPARATIVE ANALYSIS FOR:			1/4" TEMPERED GLASS				FTL-1550	
WINDOW WIDTH	WINDOW HEIGHT							
	26.000 (2)		38.375 (4)		50.625 (5)		60.000 (6)	
	NEG	POS	NEG	POS	NEG	POS	NEG	POS
19.125 (2)	-190.0	133.3	-190.0	133.3	-190.0	133.3	-190.0	133.3
26.500 (3)	-190.0	133.3	-190.0	133.3	-190.0	133.3	-190.0	133.3
37.000 (4)	-190.0	133.3	-157.8	133.3	-157.8	133.3	-157.8	133.3
53.125 (5)	-190.0	133.3	-146.7	133.3	-84.3	84.3	-76.5	76.5
60.000 (6)	-190.0	133.3	-146.7	133.3	-84.3	84.3	-60.0	60.0
72.000 (7)	-190.0	133.3	-146.7	133.3	-84.3	84.3	-60.0	60.0
84.000 (8)	-175.5	133.3	-126.5	126.5	-84.3	84.3	-60.0	60.0
96.000 (9)	-150.1	133.3	-109.9	109.9	-84.3	84.3	-60.0	60.0
120.000 (11)	-116.5	116.5	-83.7	83.7	-67.6	67.6	-60.0	60.0

NOTE: NUMBERS IN () PARENTHESES ARE MINIMUM QUANTITY OF ANCHORS PER SIDE.

NON-IMPACT WINDOWS

1. GLAZING OPTIONS:

- 120" x 60" - 3/16" TEMPERED
- 120" x 60" - 1/4" TEMPERED

2. DESIGN PRESSURE RATING: SEE TABLE

- NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-98.
- POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-98.

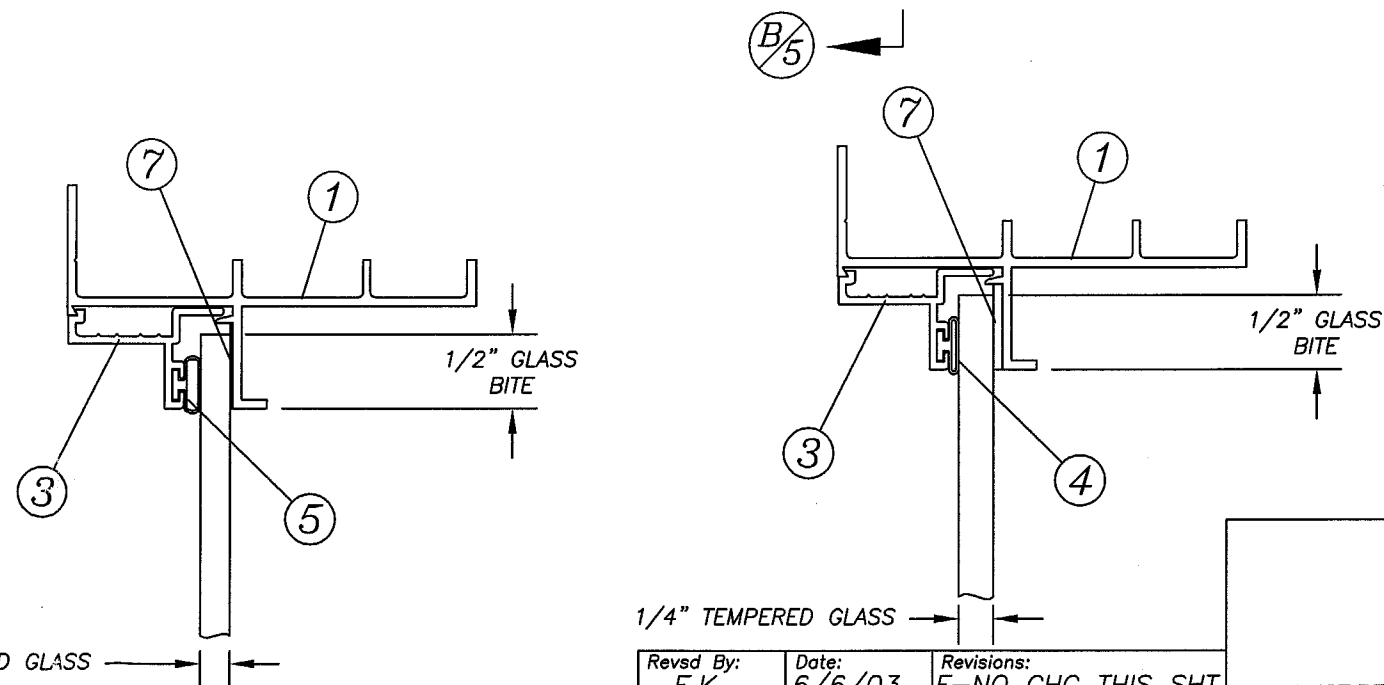
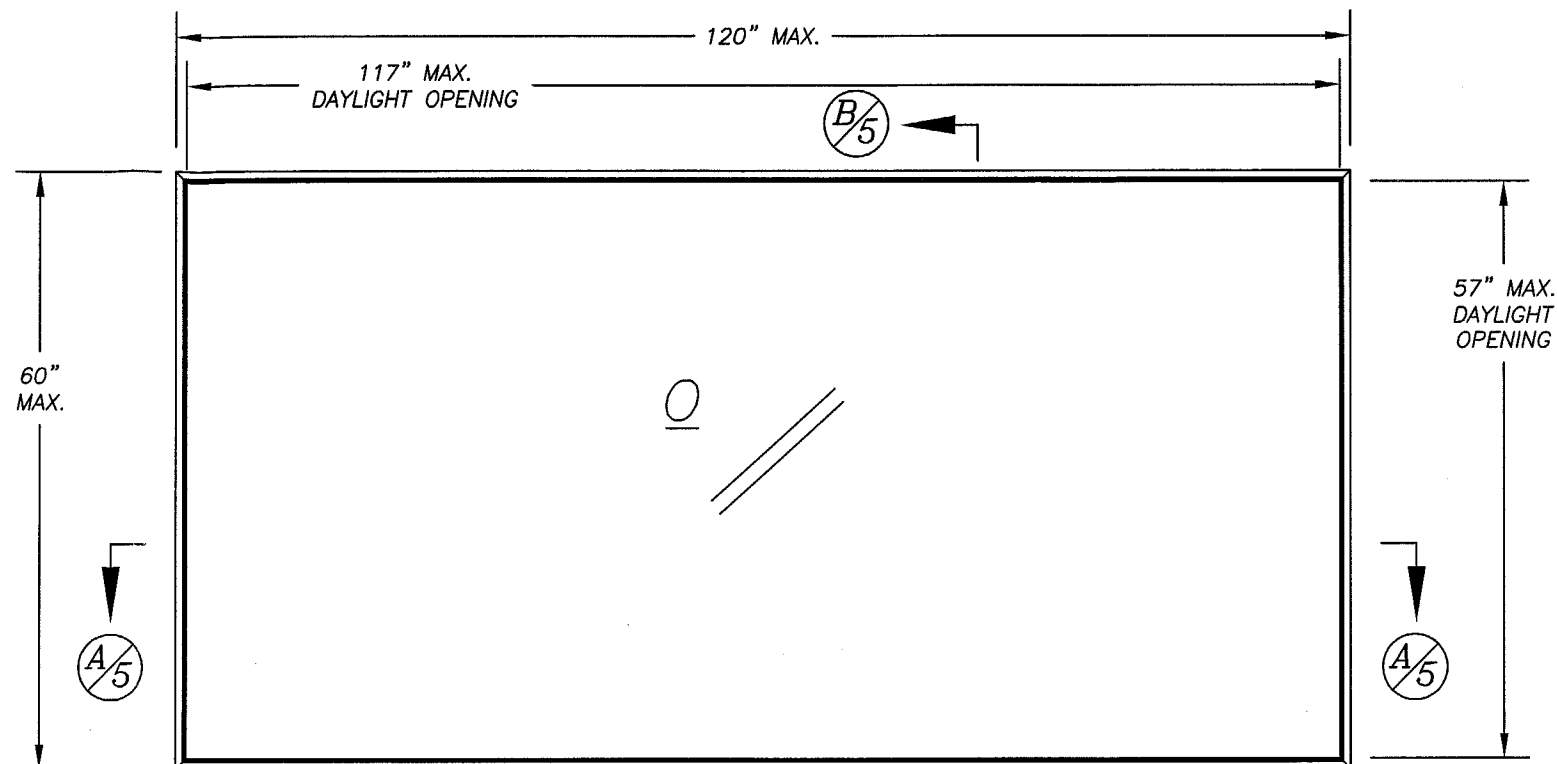
3. CONFIGURATIONS: "0"

4. REFERENCE TEST REPORTS: FTL-1532 & FTL-1550

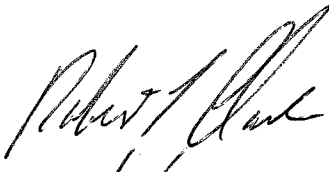


5. SHUTTER REQUIREMENT: MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED.

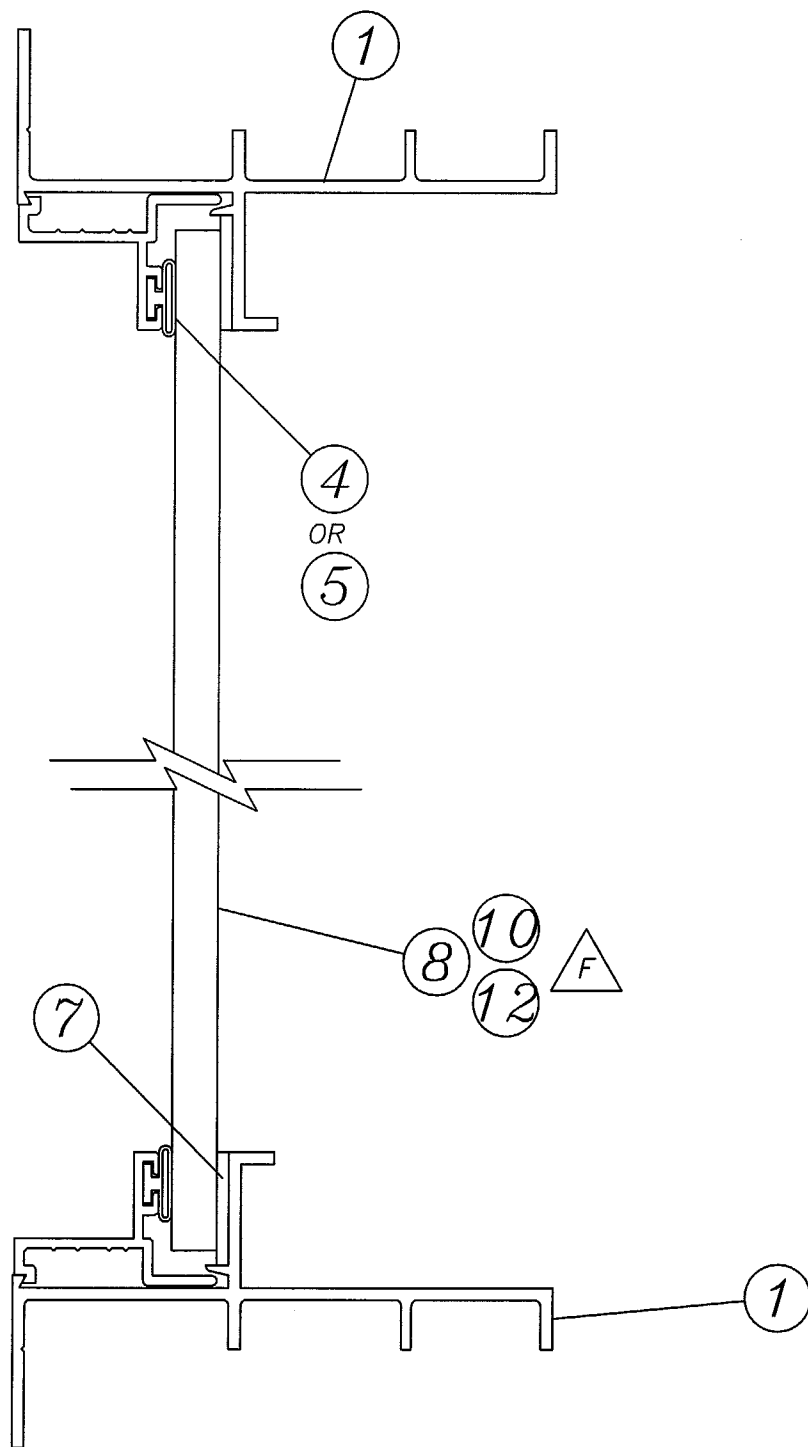
6. ANCHORAGE:

MAX. 6" FROM EACH CORNER
MAX. SPACING AT HEAD & SILL: 11.000
MAX. SPACING AT JAMBS: 16.000

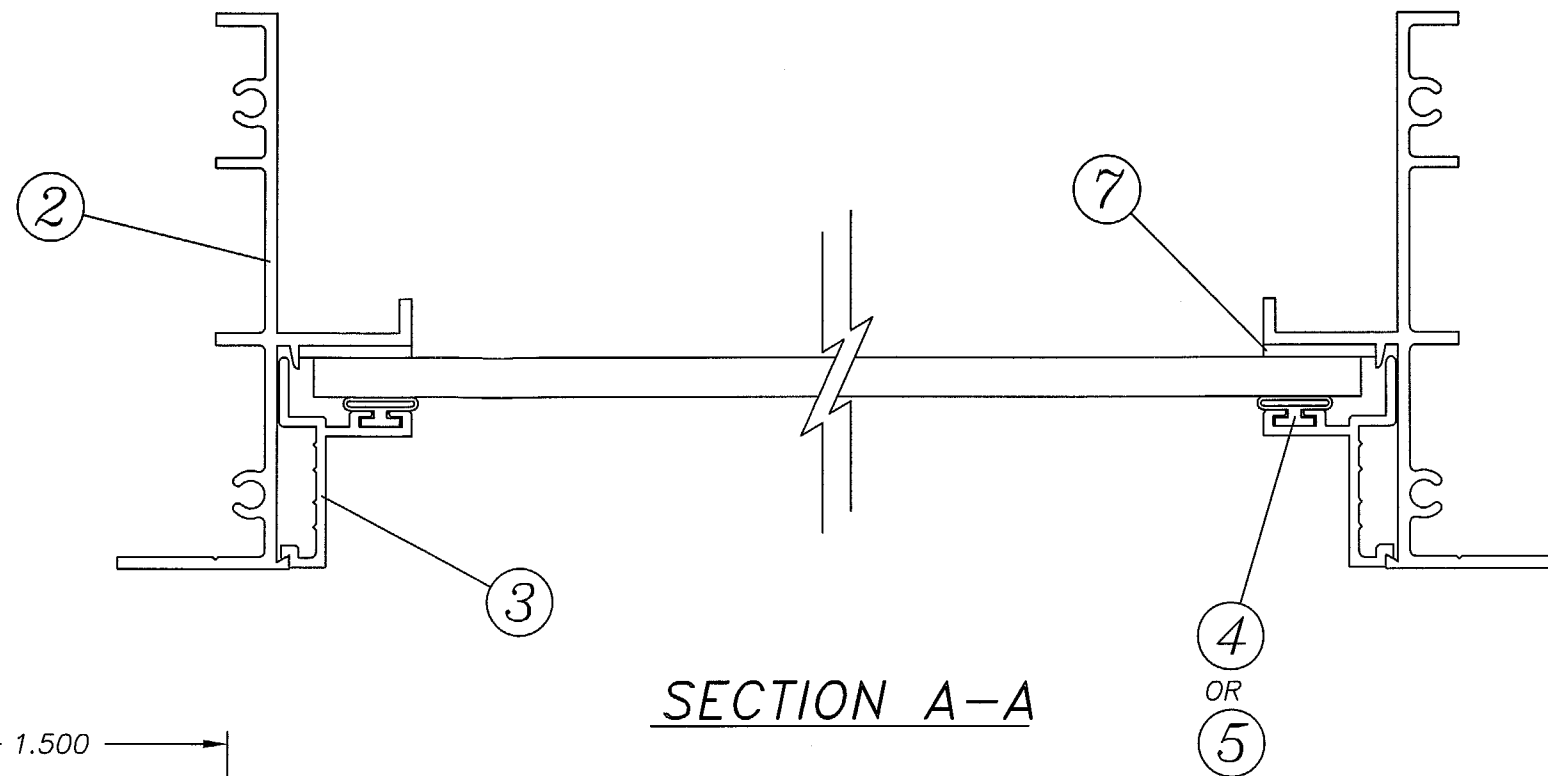


GLAZING DETAILS

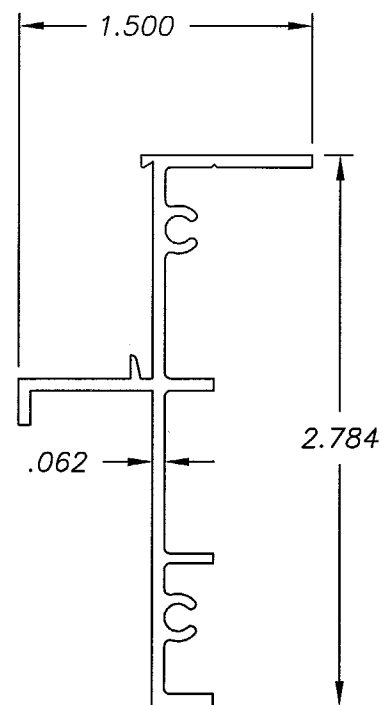
 Robert L. Clark, P.E. PE #39712 Structural	 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	Revsd By: F.K. Date: 6/6/03 Revisions: F-NO CHG THIS SHT	PRODUCT REVISED as complying with the Florida Building Code Acceptance No 02-0806.04 Expiration Date FEB. 25, 2006 By:  Miami Dade Product Control Division		
		Revsd By: FK Date: 7/26/02 Revisions: E-NO CHG THIS SHT			
		Revsd By: FK Date: 4/18/01 Revisions: REDRAWN/UPDATE E1300			
		Revsd By: FK Date: 1/4/01 Revisions: ADD LG MISS. TABLE			
Description: ELEVATIONS, NON-IMPACT (120" x 60"0		Title: ALUMINUM FIXED WINDOW			
Series/Model: PW-701		Scale: NTS	Sheet: 2 of 5	Drawing No. 4210	Rev: F



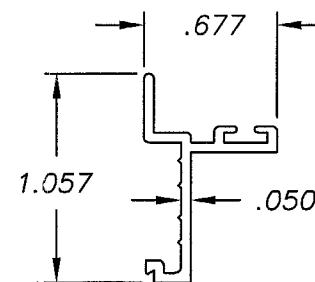
SECTION B-B



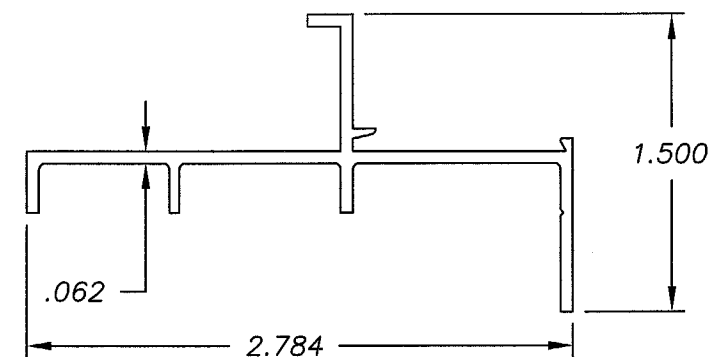
SECTION A-A



② ALUM. 6063-T5



③ ALUM. 6063-T5



① ALUM. 6063-T5

Robert L. Clark
4/4/03

Robert L. Clark, P.E.
PE #39712
Structural

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

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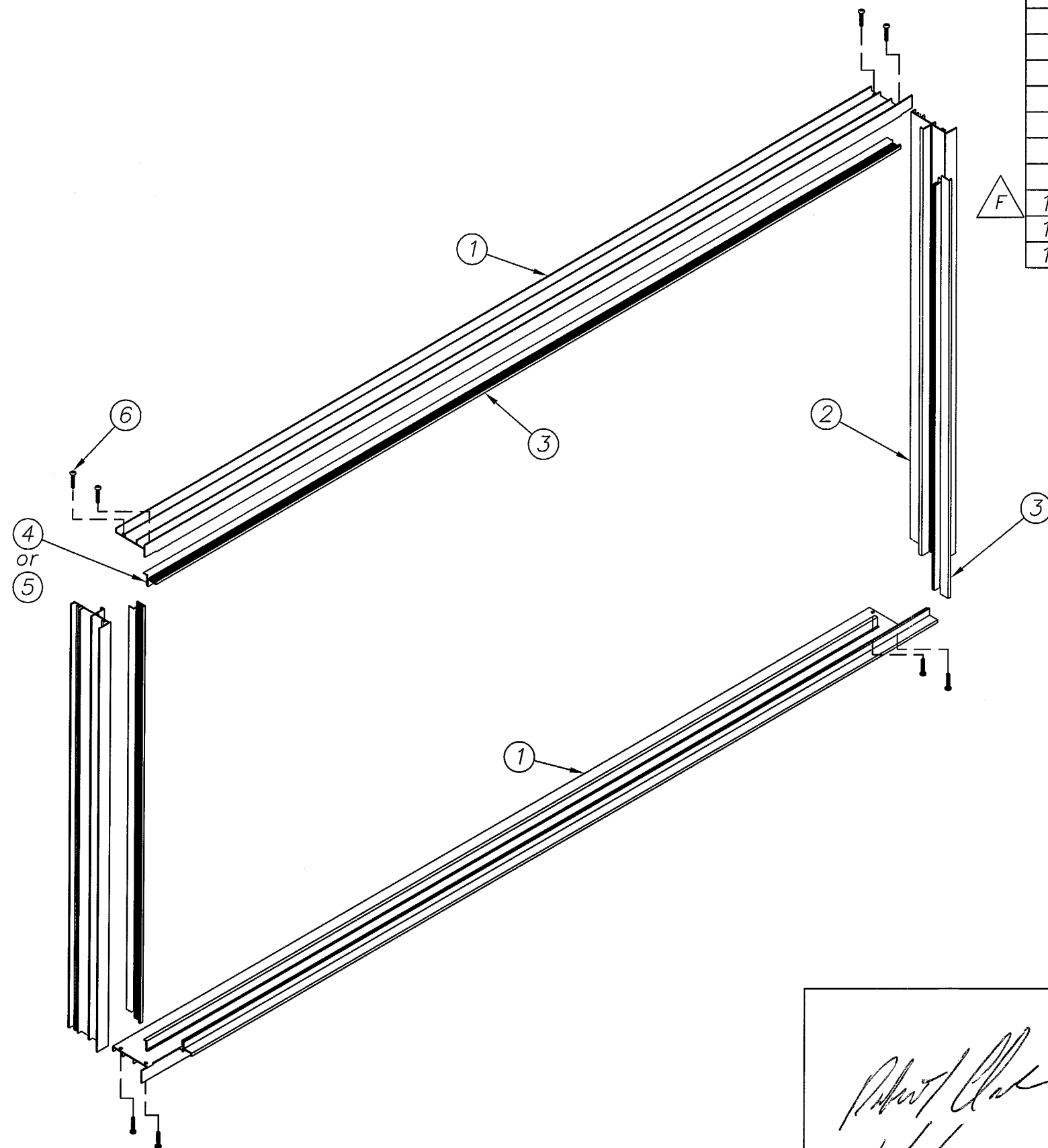
Revsd By: F.K.	Date: 6/6/03	Revisions: F-REMOVE 19 & 111
Revsd By: FK	Date: 7/26/02	Revisions: E-NO CHG THIS SHT
Revsd By: FK	Date: 4/18/01	Revisions: NO CHG THIS SHT
Revsd By: FK	Date: 1/4/01	Revisions: ADD LG MISS. TABLE
Drawn By: D.B.	Date: 2/19/97	

Description:
SECTIONS & EXTRUSIONS

Title:
ALUMINUM FIXED WINDOW

Series/Model: PW-701	Scale: NTS	Sheet: 3 of 5	Drawing No. 4210	Rev: F
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0806-04
Expiration Date FEB 25, 2006
By *[Signature]*
Miami Dade Product Control
Division



ITEM	PART NO.	DESCRIPTION OF PART TYPE	VENDOR	VENDOR NO.
1	612241	Frame Head & Sill	Alumax	AF-12241
2	612242	Frame Jambs	Alumax	AF-12242
3	612234	Glazing Bead (Snap-in)	Alumax	AF-12234
4	1224	Glazing Bead Bulb Gasket	Team Plastics	TP-247
5	1225	Glazing Bead Bulb Gasket	Team Plastics	TP-248
6	78X1PPA	#8 x 1.000 Phil. Pan Hd. SMS	Merchants Fasteners	
7	62899	Silicon Back bedding	Dow Corning	899
8		3/16" Annealed Glass	PPG, LOF	
10		3/16" Temp. Glass	PPG, LOF	
12		1/4" Temp. Glass	PPG, LOF	
13	6SM55W	Seam Sealer	Schnee-Morehead	SM5504

Revsd By: F.K.	Date: 6/6/03	Revisions: F-REMOVE SG457
Revsd By: FK	Date: 7/26/02	Revisions: E-NO CHG THIS SHT
Revsd By: FK	Date: 4/18/01	Revisions: NO CHG THIS SHT
Revsd By: FK	Date: 1/4/01	Revisions: ADD LG MISS. TABLE
Drawn By: D.B.	Date: 2/19/97	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0806-04
Expiration Date FEB. 25, 2006
By: *Maurice Perez*
Miami Trade Product Control
Division

Robert L. Clark
6/6/03

Robert L. Clark, P.E.
PE #39712
Structural

PCT
INDUSTRIES

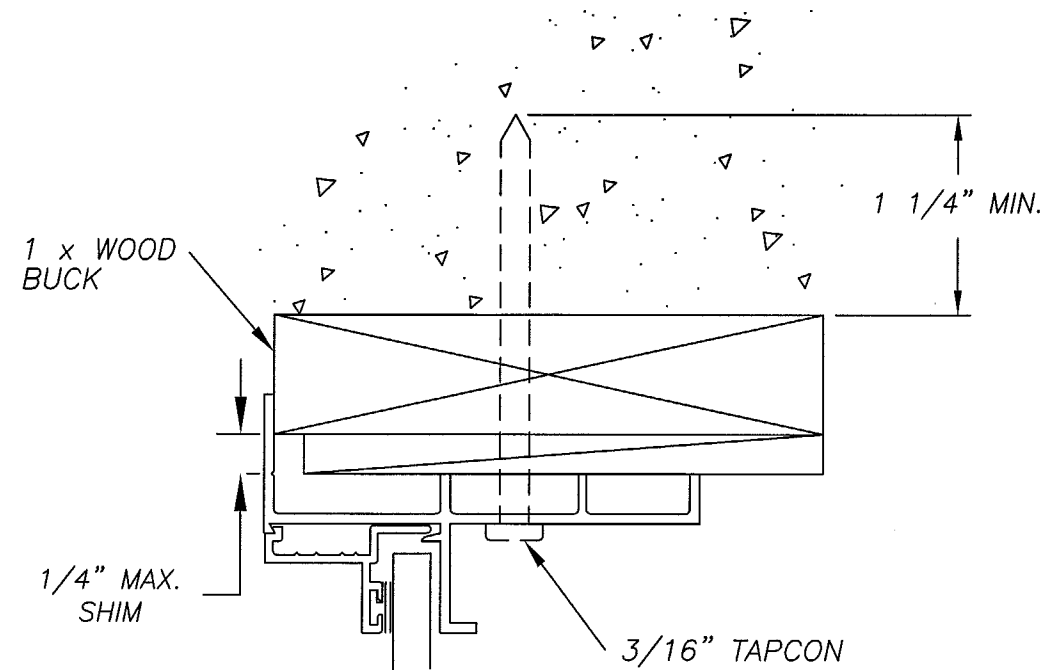
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

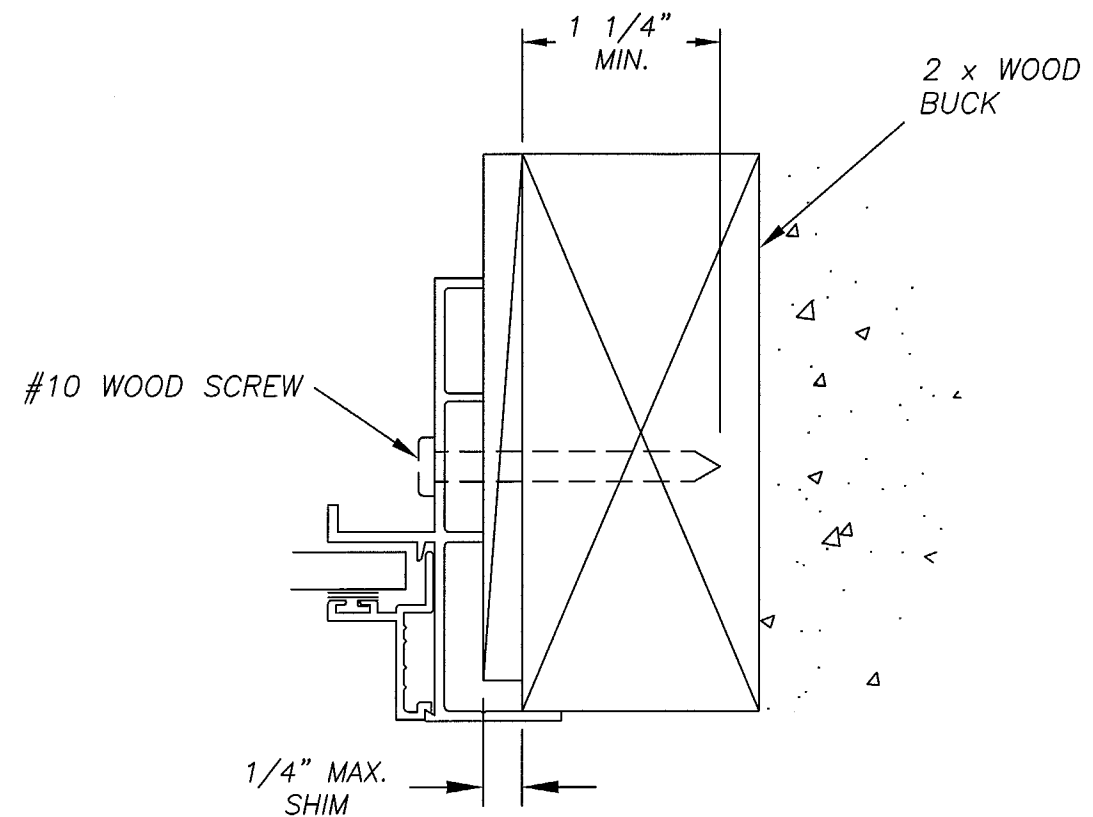
Description:
ASSEMBLY & PARTS LIST

Title:
ALUMINUM FIXED WINDOW

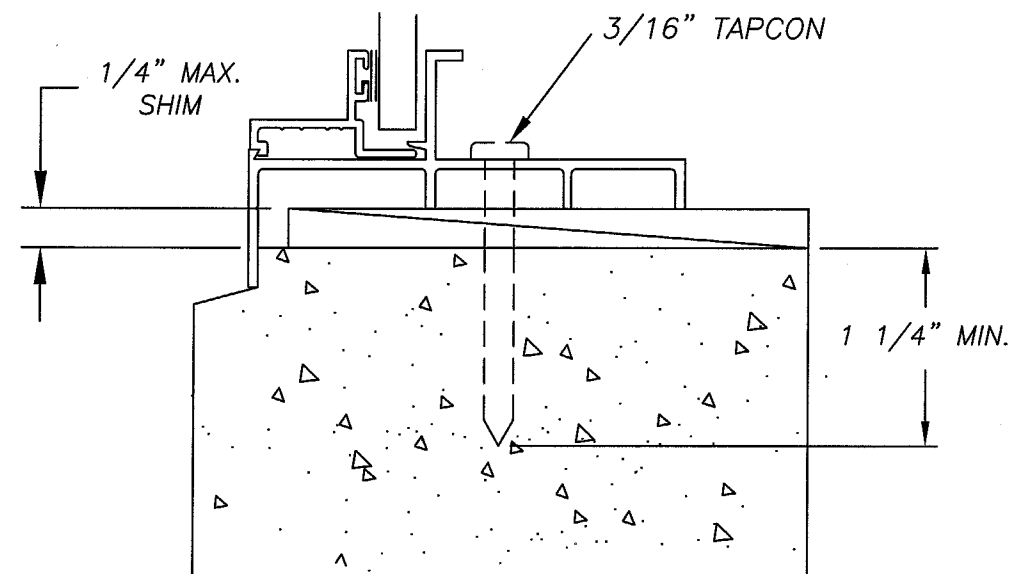
Series/Model: PW-701	Scale: NTS	Sheet: 4 of 5	Drawing No. 4210	Rev: F
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TYP. HEAD, SILL JAMB



TYP. HEAD, SILL JAMB



TYP. SILL

Robert L. Clark
6/4/03

Robert L. Clark, P.E.
PE #39712
Structural

PCT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 6/6/03	Revisions: F-NO CHG THIS SHT
Revsd By: FK	Date: 7/26/02	Revisions: E-NO CHG THIS SHT
Revsd By: FK	Date: 4/18/01	Revisions: UPDATE TO FRACTIONS
Revsd By: FK	Date: 1/4/01	Revisions: ADD LG MISS. TABLE
Drawn By: D.B.	Date: 2/19/97	

Description:

ANCHORAGE

Title:

ALUMINUM FIXED WINDOW

Series/Model:
PW-701

Scale:
NTS

Sheet:
5 of 5

Drawing No.
4210

Rev:
F

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0806-04
Expiration Date FEB. 25, 2006

By: *Mamuel Perez*
Miami Dade Product Control
Division